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Examiner

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Application Number 10/701.013 INFORMATION DISCLOSURE Filing Date 11/04/2003 STATEMENT BY APPLICANT First Named Inventor Rory A.J. Curtis Art Unit 1647 (Use as many sheets as necessary) Allen, Marianne P Examiner Name of 15 004974.01183 Sheet Attorney Docket Number OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item Examiner Cite (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, initials* No. city and or country where published. Database EMBL Accession No. AA553991, "Homo Sapiera cONA Clone IMAGE: 1015480 3", mRNA Sequence.* Strausberg, Robert (1997-09-11). Dalabase EMBL Accession No. Al740592 "Homo Saniens cDNA Clone MAGE: 2365022.3" m2NA Sequence " Strausbern, Robert (1998-06-28). Database EMBI. Accession No. AQ310967, "Homo Septens Genomic Clone 2384B13. Genomic Survey Sequence." Adams, M. D. et al. (1998-12-23). Janeway, C. A. Jr., and Travers, P., ImmunoSiology: The Immune System in Health and Disease,

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STATEMENT BY APPLICANT					First Named Inventor	Rory A.J. Curtis	
					Art Unit	1647	
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Sheet	2	of	T	15	Attorney Docket Number	004974.01183	
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C12	Fink, M. et al., "A Neuronal Two P Domain K+ Channel Stimulated by Arachidonic Acid and Polyursaturated Fatty Acids," EMBO J. 17(12),3297-3308 (1998)	
C13	Goldstein, S. A. et al., "ORK1, a Potassium-Selective Leak Channel with Two Pore Domains Cloned from Drosphila Matanogaster by Expression in Saccharcmyces Cerevisiae," PHAS USA 93(23):13256-13261 (1995)	
C14	Goldstein, S. A. et al., "Sequence and Function of the Two P Domain Potassium Channels: Implications of an Emerging Superfamily." J. Mol. Med. 76:13-20 (1999)	••••
C15	Ketchum, K. A. et al., "A New Family of Outwardly Recitiying Polassium Channel Proteins with Two Pore Domains in Tandem," Nature 376(8542):690-695 (1995)	
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Sheet	3		of	15	Attorney Docket Nur	nber	004974.01183				
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the sern Eivaminer Cite (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, fuitials* 36m 5 city anti-or country where published. C29 GenBank Accession No. AAA83199 for Weak Similarity to a Short Region of Putative Potassium Channel Proteins; December 12, 1995 GenBank Accession No. AAA96127 for Coded for by C. Elegans cDNA vk9g1.3; coded for by C. Elegans cDNA yk9g1.5; coded for by C. Elegans cDNA CEESU55F; April 18, 1996 C31 GenBank Accession No. AABO1688 for TVVK-1, June 7, 1996 C32 GenBank Accession No. AAB04567 for Weak Similarity to a Potassium Channel Protein, July 22, 1996 C33 GenBank Accession No. AAB52940 for Weak Similarity to S. Gerevisine Outward-Rectifier Potassium Channel TOK1, April 21, 1997 1234 GenBank Accession No. AAB54033 unidentified protein. May 12, 1997 C35 GenBank Accession No. AAB61602 for rabKCNK1, June 18, 1997. GenBank Accession No. AAC16973 for TWIK-1 K+ Channel Sentember 29, 1998 GenBank Accession No. AAC32854 for Putative Potassium Channel Subunit n2P17m1-2, December 21, 1998

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STATEMENT BY ADDITIONAL

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Substitute for form 1449B/PTO Complete if Known Application Number 10/701.013 INFORMATION DISCLOSURE Filina Date 11/04/2003 STATEMENT BY APPLICANT First Named Inventor Rory A.J. Curtis Art Unit 1647 (Use as many sheets as necessary) Examiner Name Allen, Marianne P of 15 Sheet Attorney Docket Number 004974.01183 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item Све Examiner (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, +0 Indials* No city and-or country where published. C?4 GenBank Accession No. AF033017 for Mus Musculus TWIK-1 K+ channel mRNA, May 23, 1998

	C75	SenSunk Accession No. AF056492 for Mus Musculus TRAAK K+ channel subunit mRNA, July 21, 1998
N	C76	GenBank Accession No. AF084836 for Homo Sapiens two pore domain K+ channel (TASK02) mRNA, November 25, 1998
	C77	GenBank Accession No. AJ001356 for Orchis morio (Orchidaceae) microsatellite, September 16, 1997.
	C78	GenBank Accession No. A0240175 for CIT-HSP-2385813.TR.1 CIT-HSP Homo Sapiens genomic clone 2385813, September 29, 1998
************	C79	GenBank Accession No. A0319946 for RPCI11-111L8.TJ RPCI-11 Homo Sapiens genomic clone RPCI-11-111L8, May 5, 1999
	C80	GenBarik Accession No. 882804 for RPCH1-17N16.TP RPCI-11 Home Sapiens genomic clone RPCI-11-17N16, April 8, 1999
	C81	GenBank Accession No. BAA25436 for cTBAK, February 13, 1999
	C82	GenBank Accession No. CAA19494 for Similar to potassium channel protein, December 18, 1998

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t-xaminer Initiats*	No.	city and or country where published						
	C83	Geriffank Accession No. CAA2(1041 for cDNA EST yel-40e-10.5 comes from this gene; cDNA EST EMBL: D32519 comes from this gene; cDNA EST EMBL: c13222 comes from this gene; cDNA EST EMBL: D32633 comes from this gene, November 23, 1998						
	C84	GenBank Accession No. CAA21749 for Predicted using Genefinder; dDNA EST EMBL: Z14528 comes from this gene, November 23, 1998						
900000 to 1300000 8000	C85	Genthank Accession No. CAA64176 for Outward-recifier potassium channel, February 23, 1996						
	C86	GenBank Accession No. CAA84797 for Weak similarity with Drosophila Melanogaster potessium channel proteins, November 21, 1998						
***************************************	C87	GenBank Accession No. CAA90080 for Weak similarity to a protein domain (segment H5) thought to fine the channel pore of potassium channels; cDNA EST EMBL: T00465 comes from this gene; cDNA EST EMBL: D36509 comes from this gane, November 23, 1998						
	C88	GenBank Accession No. CAA90259 for M110.2, November 23, 1998						
***************************************	C89	GenBank Accession No. CAA91376 for Similarity to potassium channel protein; cDNA EST EMBL: D70075 comes from this gene, cDNA EST EMBL: D93364 comes from this gene, November 23, 1998						
	C90	GenBank Accession No. CAA92504 for Similarity to Dresophile polassium channel protein (PIR Acc. No. JH0697). cDNA EST EMBL: M89234 comes from this gene; December 14, 1990						
	C91	COI Gentiank Accession No. CAA92588 for Similarity to Drosophila potassium channel protein (FIR Acc. No. Ji-1097); DNA EST EMBL: D27674 comes from this gene; dNA EST EMBL: D27673 comes from this gene; dNA EST EMBL: D36287 comes from this gene; dNA EST EMBL: D36287 comes from this gene; dNA EST EMBL: D36287 comes from this gene; dNA EST EMBL: D67671 comes from this gene; dNA EST EMBL: D6771 comes from this gene, November 23, 1998						
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Attorney Docket Number

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	C112	GenBank Accession No. J05677 for RAT guarrylyl cyclose Afatriel natifuretic peptide receptor (GC-A) gene, January 15, 1991						
	C113	GenBank	A	ccession No. L17688 fe	or Human STS UT5089, May 2	18, 1993		
	C114	GenBank April 9, 1			for Human DNA from cosmid	MMDA from Chromosome 19q13.3,		
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	C117			ccession Na. U31663 f ence, August 30, 1995		e 2 marker um-m12 TC dinucleolide		

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GenBank Accession No. U31761 for Mus Musculus cGMP-phosphodiesterase beta-subunit gene.

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	Art Unit	1647		
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	C119	GenBank Accession No. U33632 for Human two P-domain K+ channel TWIK-1 mRNA, June 5, 1996	
**************	C120	GenBank Accession No. U55321 for Drosophile Melanogaster two P domein potassium channel CRK1 (ORK1) mRNA, October 29, 1998	
	C121	GenBank Accession No. U73486 for Mus Musculus TREK-1 K+ channel subunit mRNA, January 25, 1997	-
	C122	GenBank Accession No. U76996 for Home Saplens two P domain channel subunit (HOHO1) mRNA, Jeruery 29, 1996	
	C123	GenBank Accession No. U90065 for Human potassium channel KCNO1 mRNA, April 1, 1997	
	C124	CenBank Accession No. Y14406 for Homo Sapiens DNA for 3' IgH locus control region, HS3 enhancer, February 12, 1998	
	C125	GerBank Accession No. Z55211 for Homo Sapiens CpG island DNA genomic Mse1 fragment, clone 26g4, FORWARD READ CPG26G4-F11B, October 17, 1995	
	C126	Geni3ank Accession No. 275539 for Caenorhabditis Elegans cosmid F28C1, December 14, 1998	
	C127	GenBank Accession No. AC005681 for citto_54_a_2, DNA; November 30, 1999	-

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	C128	GenBank A	ccession No. AC90	5880 for citb_43_a_11, DNA; Nove	unber 5, 1999		
	C129	GenBank A	ccession No. Z781	98 for Caenorhabdilis elegans cosi	nid F55C5, DNA; January 26, 2000		
	C130	GenBank A	ccession No. Z814	175 for Caenorhabditis elegans co	smid C24H11, DNA; December 14,		

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GeoFlank Accession No. 292813 for Caenorhabilitis elemans cosmid T28A8. DNA. Discember 14.

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